

Table 33a

**Type of development expected as a result of IT-based innovation in the next 12 months, by selected company characteristics: 2001**

(Frequency)

Characteristic	Total	Expected result		Nonresponse	Not applicable <sup>1</sup>
		Product	Process		
Innovators <sup>2</sup>	34,400	3,300	6,700	S	24,300
IT	7,000	700	800	S	5,500
Manufacturing	1,500	300	200	0	1,000
Communication	1,200	S	S	0	1,000
Computer related services	4,300	400	500	S	3,400
Non-IT	27,400	2,600	5,900	S	18,800
Manufacturing	15,300	S	3,700	0	9,700
Transportation & public utilities	3,700	S	800	S	2,700
Finance, insurance & real estate	6,900	S	1,000	S	5,200
Engineering & AAB services	1,500	S	300	S	1,100
By revenue size					
\$2.5M to \$4.9M	11,400	1,300	2,400	S	7,600
\$5M to \$9.9M	8,100	800	1,600	S	5,800
\$10M to \$24.9M	7,700	S	1,500	S	5,500
\$25M to \$50M	3,500	S	S	0	2,100
Above \$50M	3,700	S	S	0	3,300

<sup>1</sup> Not applicable represents those respondents who reported their company had engaged in IT-based innovation in the last 12 months and were therefore not asked about expected innovation activities in the next 12 months.

<sup>2</sup> To be classified as an innovator, the company had to indicate that it had developed a product or process in the past 12 months or believed it would develop a product or process in the next 12 months as a result of IT-based innovation. The survey was conducted during the period July 2001–April 2002.

**KEY:** IT=information technology; AAB=accounting, auditing, bookkeeping; S=suppressed for reasons of reliability due to receiving less than 20 responses

**NOTES:** Responses are to question 12: "Will the result be primarily products or processes?" This question was only asked of innovators who had not innovated in the last 12 months, but who indicated they expected to do so in the next 12 months. Total nonresponse consists of item nonresponse and don't know responses.

IT is defined as the hardware and software that support the production or use of computer-based information systems, the infrastructure necessary to access such information systems, or data processing services. Companies are classified as IT or Non-IT based on their 4-digit SIC number. IT Manufacturing includes companies with SICs of 3571-3579, 3651, 3661-3679, 3695, 3823-3826. IT Communication includes companies with SICs of 4812-4822, 4832, 4833, 4841-4899. IT Computer related services includes companies with SICs of 7371-7379. Non-IT Manufacturing includes companies with SICs of 2011-3569, 3581-3648, 3652, 3691-3694, 3699-3822, 3827-3999. Non-IT Transportation & public utilities includes companies with SICs of 4011-4231, 4412-4789, 4911-4971. Non-IT Finance, insurance & real estate includes companies with SICs of 6011-6036, 6081-6153, 6159, 6162-6799. Non-IT Engineering & AAB services includes companies with SICs of 8711, 8721.

**SOURCE:** National Science Foundation, 2001 Information Technology Innovation Survey.